



# What is Python

- Python is a general-purpose computer language
- It can be used to create many different types of programs
  - Games, Web, Graphical User Interfaces and Scientific Computing

- Python is widely used in the real world
  - Python users include Google, YouTube, NASA, Industrial Light And Magic(Lucas Film) and Dropbox.

# Advantages of Python

- Easy to read and understand
  - Uses simple language
  - Less clutter
- Lots of online resources
  - Websites ([python.org](http://python.org), [pygame.org](http://pygame.org))
  - Online books(Invent Your Own Computer Games with Python)
  - Online tutorials(Bunnies And Badgers)

# Requirements

- Ninjas must have a blue belt in scratch or be in Secondary school
  - There will be lots of typing involved
- Python blue belts from last year will be expected to help mentor new Ninjas

# What are we going to do?

- New Ninjas
  - Command line interface
  - GUI games with Pygame
- Existing Ninjas
  - Work on bigger projects